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Trying 01182...Open

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LOGINID:d360sxj
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TERMINAL (ENTER 1, 2, 3, 4, OR ?):□3

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  *    May 18 ,1999  for U.S. Current Classification Data.       *
  *    May 18,1999  for U.S. Patent Image Data.                 *
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FILE 'USPAT' ENTERED AT 10:50:13 ON 19 MAY 1999
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*        U. S.   P A T E N T   T E X T   F I L E                  *
*                                                                 *
*  THE WEEKLY PATENT TEXT AND IMAGE DATA IS CURRENT               *
*  THROUGH May 18 1999.                                           *
*                                                                 *
*                                                                 *
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=> s 604/96/cclst and 604/97/cclst and 604/98/cclst and 604/101/clst and
604/102/cclst

*WARNING* - FIELD CODE NOT VALID 'CLST'
          1458 604/96/CCLST
           147 604/97/CCLST
            87 604/98/CCLST
             0 604/101/CLST
           181 604/102/CCLST
L1           0 604/96/CCLST AND 604/97/CCLST AND 604/98/CCLST AND 604/101/
CLS
               T AND 604/102/CCLST

=> s 604/96/cclst and 604/101/cclst

          1458 604/96/CCLST
           341 604/101/CCLST
L2         104 604/96/CCLST AND 604/101/CCLST

=> s l2 (3A) guidewire

*WARNING* - PROXIMITY OPERATOR PRECEDENCE LEVEL CONFLICTS OR IS NOT CONSIS
TENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L2 (3A) GUIDEWIRE'
          2267 GUIDEWIRE
L3          39 L2 (3A) GUIDEWIRE

=> s l3 (3A) double

*WARNING* - PROXIMITY OPERATOR PRECEDENCE LEVEL CONFLICTS OR IS NOT CONSIS
TENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L3 (3A) DOUBLE'
        361525 DOUBLE
L4            9 L3 (3A) DOUBLE

=> d ti 1-9 l4


US PAT NO:      5,632,760 [IMAGE AVAILABLE]            L4: 1 of 9
TITLE:          Balloon catheter for stent implantation

US PAT NO:      5,569,184 [IMAGE AVAILABLE]            L4: 2 of 9
TITLE:          Delivery and balloon dilatation catheter and method of
                  using

US PAT NO:      5,328,470 [IMAGE AVAILABLE]            L4: 3 of 9
TITLE:          Treatment of diseases by site-specific instillation of
                  cells or site-specific transformation of cells and kits
                  therefor

US PAT NO:      5,318,531 [IMAGE AVAILABLE]            L4: 4 of 9
TITLE:          Infusion balloon catheter

US PAT NO:      5,304,132 [IMAGE AVAILABLE]            L4: 5 of 9
TITLE:          Limacon geometry balloon angioplasty catheter systems and
                  method of making same
```

US PAT NO: 5,295,[redacted] [IMAGE AVAILABLE] L4: 6 of 9
TITLE: Drug de[redacted]very and dilatation catheter

US PAT NO: 5,158,540 [IMAGE AVAILABLE] L4: 7 of 9
TITLE: Perfusion catheter

US PAT NO: 5,071,406 [IMAGE AVAILABLE] L4: 8 of 9
TITLE: Limacon geometry balloon angioplasty catheter systems

US PAT NO: 4,958,634 [IMAGE AVAILABLE] L4: 9 of 9
TITLE: Limacon geometry balloon angioplasty catheter systems and method of making same

=> d kwic 8 14

US PAT NO: 5,071,406 [IMAGE AVAILABLE] L4: 8 of 9
US-CL-CURRENT: **604/96**, **101**, 913; 606/192, 194

SUMMARY:

BSUM(8)

Because . . . equipment technology expands. It has been estimated that the number of coronary artery angioplasties performed in the United States will **double** or triple to 450,000 or 500,000 cases per year by the early to mid 1990's. It also has been estimated. . .

SUMMARY:

BSUM(9)

During . . . of the total procedure time. The preliminary steps include patient (aseptic) preparation, groin preparation and needle puncture, insertion of the **guidewire** into the artery to introduce the guiding catheter, arterial heparinization, manipulation of the guiding catheter to cannulate the target coronary. . .

SUMMARY:

BSUM(18)

The . . . resilient so that the balloon catheter can negotiate the tortuous and sometimes irregular artery by following or advancing over a **guidewire** already placed in the artery ahead of the balloon catheter.

SUMMARY:

BSUM(21)

Thus, . . . with the interior of the balloon, and the other extending through the balloon and being suitable for receiving a steerable **guidewire**.

SUMMARY:

BSUM(27)

In . . . the balloons, and the catheter shaft has a lumen extending the length of the catheter shaft for receiving a steerable **guidewire**.

SUMMARY:

BSUM(28)

In . . . balloon and the second lumen terminates inside the second

balloon. In this embodiment, the catheter further comprises an axial torque **guidewire** extending through the first lumen and out of the distal end of the first balloon and the catheter, wherein the distal end of the first balloon is sealed to the **guidewire**. The walls of the first balloon may be formed by expanding the walls of the first lumen and the first. . .

DRAWING DESC:

DRWD(2)

FIG. 1 is a side elevation of the distal end of a dual-balloon steerable **guidewire** limacon geometry angioplasty catheter having balloons on the same side of the **guidewire** lumen showing the balloons and connecting lumens in longitudinal section and the **guidewire** lumen in partial cross section.

DRAWING DESC:

DRWD(8)

FIG. 7 is a side elevation of the distal end of a steerable **guidewire** dual balloon catheter of the present invention having balloons on opposite sides of the catheter shaft, with balloon lumens and balloons shown in longitudinal section and with the **guidewire** lumen shown in partial cross section.

DRAWING DESC:

DRWD(12)

FIG. 11 is a side elevation of the distal end of a triple balloon steerable **guidewire** catheter of the present invention, having integrally-formed balloons on opposite sides of the **guidewire** lumen, with balloons shown in longitudinal section and with the **guidewire**
<------User Break------>
u
=>
=> s l3 (3A) double wall

WARNING - PROXIMITY OPERATOR PRECEDENCE LEVEL CONFLICTS OR IS NOT CONSIS
TENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L3 (3A) DOUBLE'
        361525 DOUBLE
        696734 WALL
          6242 DOUBLE WALL
                 (DOUBLE(W)WALL)
L5   1 L3 (3A) DOUBLE WALL

=> d kwic 1 15

US PAT NO: 5,318,531 [IMAGE AVAILABLE] L5: 1 of 1
US-CL-CURRENT: **604/96**, **101**, 892.1, 913

SUMMARY:

BSUM(5)

Baran U.S. Pat. No. 4,417,576 discloses a **double-wall** surgical cuff in which a surgical fluid such as an anesthetic may be inserted in a sponge rubber material emplaced. . .

SUMMARY:

BSUM(14)

The . . . PTCA cat[redacted]er having a useable length of [redacted] cm., and a catheter shaft diameter of 4.0 French or smaller. A **guidewire** may be used having a diameter of 0.018 millimeter, and the tip length of the catheter may be about 0.2. . .

=> display 14

ENTER ANSWER NUMBER OR RANGE (1):1-9

ENTER DISPLAY FORMAT (CIT):pno

1.	5,632,760	[IMAGE AVAILABLE]
2.	5,569,184	[IMAGE AVAILABLE]
3.	5,328,470	[IMAGE AVAILABLE]
4.	5,318,531	[IMAGE AVAILABLE]
5.	5,304,132	[IMAGE AVAILABLE]
6.	5,295,962	[IMAGE AVAILABLE]
7.	5,158,540	[IMAGE AVAILABLE]
8.	5,071,406	[IMAGE AVAILABLE]
9.	4,958,634	[IMAGE AVAILABLE]

Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: DE 29701758 U1,

Relevance Rank: 99

Entry 1 of 1 File:DERWENT May 19, 1999

DERWENT-ACC-NO: 1997-194478

DERWENT-WEEK: 199718

TITLE:
Radially expandable stent for implantation of body vessel in branching region - incorporates at least one section with radially enlarged apertures for insertion of second stent

PATENT-ASSIGNEE: JOMED IMPLANTATE GMBH[JOMEN]

PRIORITY-DATA: 1997DE-2001758 (February 1, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 29701758 U1	March 27, 1997	N/A	010	A61M 029/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DE29701758U1	N/A	1997DE-2001758	February 1, 1997

IPC: A61F002/06; A61L027/00 ; A61M029/00

ABSTRACTED-PUB-NO:DE29701758U

BASIC-ABSTRACT:Implant made in the region of a vessel branch is in the form of a radially expandable stent with at least one section with enlarged radial apertures (15). Preferably the diameter of the apertures is such that a second stent (17) can be passed through without difficulty. Apertures are preferably in the form of rhombus or other polygonal shape or have the shape of a circle or ellipse. Radial stiffness of the section is preferably at least equal to that in the remaining sections. Several sections with enlarged apertures may be provided. For visibility by X-rays, at least the section with enlarged apertures is of a suitable material or is coated with such a material, especially platinum or gold. USE/ADVANTAGE - Enlarged apertures allow second stent to be easily inserted into the branch of a vessel in a human body.

CHOSEN-DRAWING:Dwg.2/3

CHOSEN-DRAWING:Dwg.2/3

TITLE-TERMS:
RADIAL EXPAND STENT IMPLANT BODY VESSEL BRANCH REGION INCORPORATE ONE SECTION RADIAL ENLARGE APERTURE INSERT SECOND STENT

DERWENT-CLASS: P32 P34
Non-CPI Secondary Accession Numbers:N1997-160685

Full | Citation | Review | Classification | Date | Reference

Term	Documents
29701758.pn.	1

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Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: DE 29701758 U1,

Relevance Rank: 99

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 29701758 U1	March 27, 1997	N/A	010	A61M 029/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DE29701758U1	N/A	1997DE-2001758	February 1, 1997

IPC: A61F002/06; A61L027/00 ; A61M029/00

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CHOSEN-DRAWING:Dwg.2/3

CHOSEN-DRAWING:Dwg.2/3

TITLE-TERMS:
RADIAL EXPAND STENT IMPLANT BODY VESSEL BRANCH REGION INCORPORATE ONE SECTION RADIAL ENLARGE APERTURE INSERT SECOND STENT

DERWENT-CLASS: P32 P34
Non-CPI Secondary Accession Numbers:N1997-160685

Full | Citation | Review | Classification | Date | Reference

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29701758.pn.	1

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